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1	BRS	L1	3668	resolution\$3 or transform\$6 or reconstruct\$3 or correct\$6 or defus\$6 same(imag\$3 near10(thershold\$3 or referenc\$4)) same(comp ar\$6 or match\$3 or collelat\$4	USPA T; US-P GPUB	2004/10/1 3 13:03	
2	BRS	L2	1525	1 same(calculat\$4 or measur\$6 or comput\$6)	USPA T; US-P GPUB	2004/10/1 3 13:06	
3	BRS	L3	4517	resolution\$3 or transform\$6 or reconstruct\$3 or correct\$6 or defus\$6 or adjust\$6 same(imag\$3 near10(thershold\$3 or referenc\$4)) same(comp ar\$6 or match\$3 or collelat\$4	USPA T; US-P GPUB	2004/10/1 3 13:05	
4	BRS	L4	5132	resolution\$3 or transform\$6 or reconstruct\$3 or correct\$6 or defus\$6 or adjust\$6 same(imag\$3 near10(thershold\$3 or referenc\$4)) same(comp ar\$6 or match\$3 or correlat\$4	USPA T; US-P GPUB	2004/10/1 3 13:06	
5	BRS	L5	619	1 same(calculat\$4 or measur\$6 or comput\$6) near10(imag\$3 near10(thershold\$3 or referenc\$4))	USPA T; US-P GPUB	2004/10/1 3 13:11	
6	BRS	L6	109	5 same(zoom\$3 or scal\$4 or enlarg\$6 or reduc\$6)	USPA T; US-P GPUB	2004/10/1 3 15:04	
7	BRS	L7	53	6 same(stor\$4 or memor\$4)	USPA T; US-P GPUB	2004/10/1 3 15:05	
8	BRS	L8	1	"5295201".PN.	USPA T	2004/10/1 3 14:23	
9	BRS	L9	1	"5025482".PN.	USPA T	2004/10/1 3 14:23	
10	BRS	L10	1	"5025482".PN.	USPA T	2004/10/1 3 14:24	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
11	BRS	L11	48	5 same (zoom\$3 or scal\$4 or enlarg\$6 or reduc\$6)near10 referenc\$3	USPAT; US-PGPUB	2004/10/13 15:05	
12	BRS	L12	32	11 same(stor\$4 or memor\$4)	USPAT; US-PGPUB	2004/10/13 15:05	
13	BRS	L13	1	"5720013".PN.	USPAT	2004/10/13 15:07	
14	BRS	L14	1	"5580177".PN.	USPAT	2004/10/13 15:07	
15	BRS	L15	1	"5579446".PN.	USPAT	2004/10/13 15:07	

	Error Definition	Er ro rs
1		0
2		0
3		1
4		0
5		0
6		0
7		0
8		0
9		0
10		0

	Error Definition	Er ro rs
11		0
12		0
13		0
14		0
15		0

**Results Key:**

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

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**1 Three-stage approach to ultrasound contrast detection**

*Kirkhorn, J.; Frinkin, P.J.A.; de Jong, N.; Torp, H.;*  
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume:  
48 , Issue: 4 , July 2001  
Pages:1013 - 1022

---

**IEEE JNL**

---

**2 Dynamic feature extraction of coronary artery motion using DSA image sequences**

*Puentes, J.; Roux, C.; Garreau, M.; Coatrieux, J.L.;*  
Medical Imaging, IEEE Transactions on , Volume: 17 , Issue: 6 , Dec. 1998  
Pages:857 - 871

---

**IEEE JNL**

---

**3 Architectures for finite radon transform**

*Rahman, C.A.; Badawy, W.;*  
Electronics Letters , Volume: 40 , Issue: 15 , 22 July 2004  
Pages:931 - 932

---

**IEE JNL**

---

**4 A time-based CMOS image sensor**

*Qiang Luo; Harris, J.G.;*  
Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International  
Symposium on , Volume: 4 , 23-26 May 2004  
Pages:IV - 840-3 Vol.4

---

**IEEE CNF**

---

**5 Full reference and reduced reference metrics for image quality assessment**

*Carne, M.; Le Callet, P.; Barba, D.;*  
Signal Processing and Its Applications, 2003. Proceedings. Seventh International  
Symposium on , Volume: 1 , 1-4 July 2003  
Pages:477 - 480 vol.1

---

**IEEE CNF**

---

**6 New algorithms for widefield SAR image formation**

*Carrara, W.G.; Goodman, R.S.; Ricoy, M.A.;*  
Radar Conference, 2004. Proceedings of the IEEE , 26-29 April 2004  
Pages:38 - 43

---

**IEEE CNF**

**7 Collinear holography**

*Horimai, H.;*

Lasers and Electro-Optics, 2003. CLEO/Pacific Rim 2003. The 5th Pacific Rim Conference on , Volume: 1 , 15-19 Dec. 2003

Pages:376 Vol.1

---

IEEE CNF

**8 An image quality assessment method based on perception of structural information**

*Carne, M.; Le Callet, P.; Barba, D.;*

Image Processing, 2003. Proceedings. 2003 International Conference on , Volume:

3 , 14-17 Sept. 2003

Pages:III - 185-8 vol.2

---

IEEE CNF

**9 Bit allocation algorithm for wavelet image compression**

*Terki, N.; Doghmane, N.; Terki, A.;*

Intelligent Control, 2002. Proceedings of the 2002 IEEE International Symposium on , 27-30 Oct. 2002

Pages:339 - 344

---

IEEE CNF

**10 Performance analysis of DEM automatic extraction from SPOT5 sensors**

*Nonin, P.; Piccard, S.;*

Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International , Volume: 1 , 21-25 July 2003

Pages:309 - 311 vol.1

---

IEEE CNF

**11 The longitudinal motion stereo problem: a CNN approach**

*Tarahlio, S.; Zanella, A.; Pellecchia, A.;*

Cellular Neural Networks and Their Applications, 2000. (CNNA 2000). Proceedings of the 2000 6th IEEE International Workshop on , 23-25 May 2000

Pages:375 - 379

---

IEEE CNF

**12 TIER II Plus airborne EO sensor LOS control and image geolocation**

*Held, K.J.; Robinson, B.H.;*

Aerospace Conference, 1997. Proceedings., IEEE , Volume: 2 , 1-8 Feb. 1997

Pages:377 - 405 vol.2

---

IEEE CNF

**13 Assessment of coregistration of PET H<sub>2</sub><sup>15</sup>O images in the abdomen using digital phantoms**

*Livieratos, L.; Meikle, S.R.; Matthews, J.C.; Bailey, D.L.; Jones, T.; Price, P.;*

Nuclear Science Symposium, 1997. IEEE , Volume: 2 , 9-15 Nov. 1997

Pages:1175 - 1178 vol.2

IEEE CNF

---

**14 Effect of time-spatial size of motion image for localization by using the spotting method**

*Nishimura, T.; Kojima, H.; Ito, Y.; Held, A.; Nozaki, S.; Nagaya, S.; Oka, R.;*  
Pattern Recognition, 1996., Proceedings of the 13th International Conference  
on , Volume: 1 , 25-29 Aug. 1996

Pages:191 - 195 vol.1

IEEE CNF

---

**15 Monitoring of the sea surface thermal patterns in a marginal sea affected by an ocean**

*Nakamura, S.;*

Geoscience and Remote Sensing Symposium, 1996. IGARSS '96. 'Remote Sensing for a Sustainable Future.', International , Volume: 2 , 27-31 May 1996

Pages:830 - 832 vol.2

IEEE CNF

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